GEOMETRY
WITHOUT A SECRET

Petko Nikolic Vidusa

Kitchener, Canada, 2012

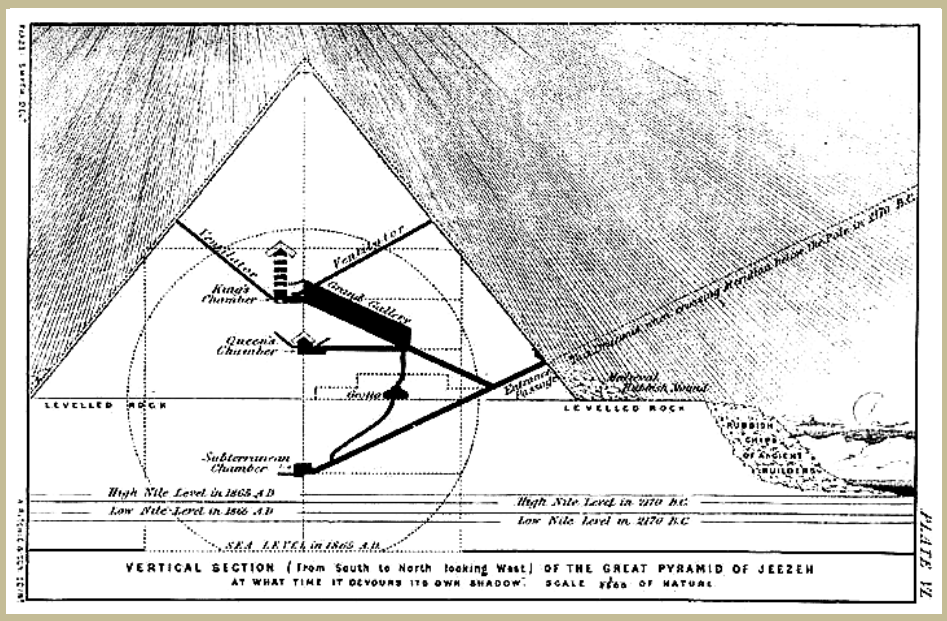


Figure 1, The Great Pyramid (reprinted from Prof. G. Piazzi-Smyth's "Our Inheritance in the Great Pyramid", 1864).

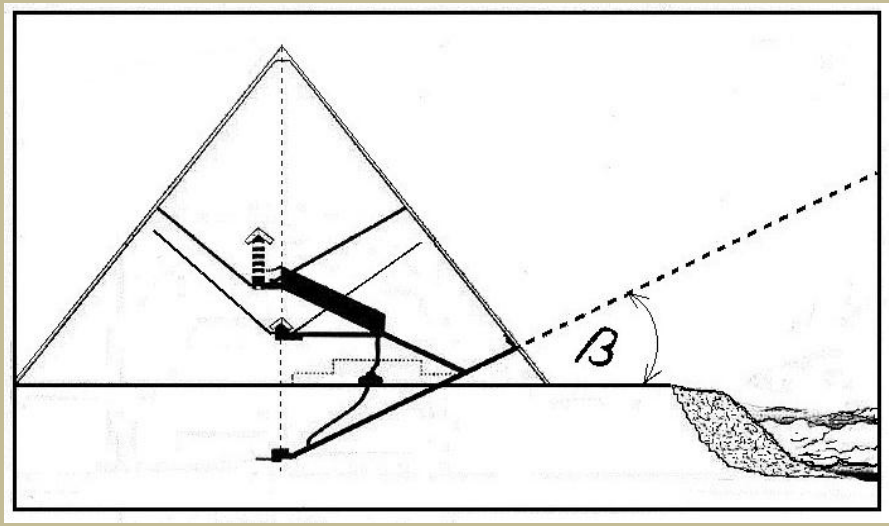


Figure 2, Descending Passage

***ß** = 26.30268975° (26° 18' 9.6831")*

*tan **ß** = 0.494289196*

*sin **ß** = 0.443113275*

"In that day there will be an altar to the Lord in the midst of the land of Egypt, and a pillar to the Lord near its border." (Isaiah, 19,19)

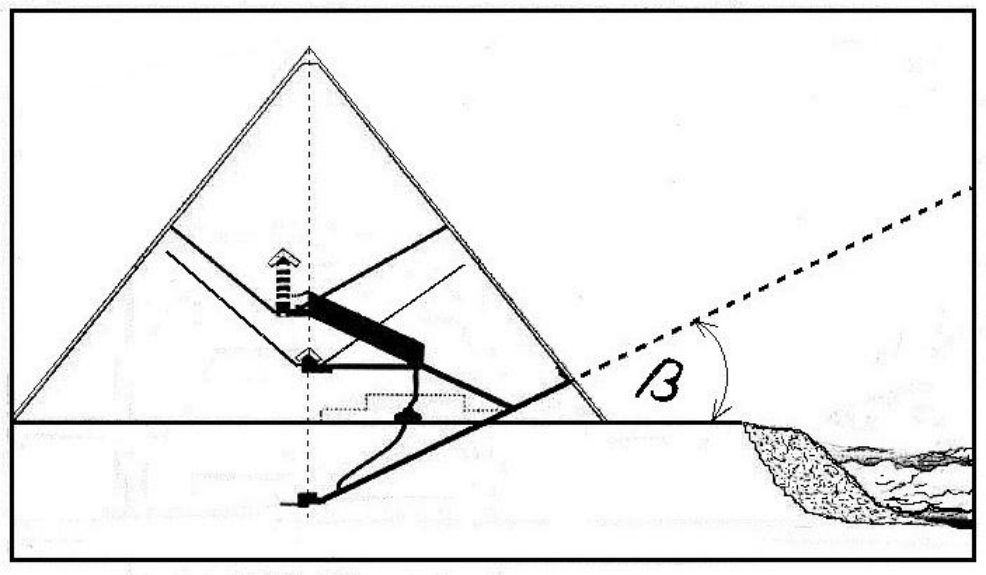


Figure 3

King's Chamber:

a) Length: 412.1316378 inches = 1046.81436 cm:

412.1316378 x 0.443113275 = 182.621 (a half of a year has 182.621 days).

1046.81436 x 0.443113275 = 463.8573394 (speed of the Earth's turning on the Equator: 463.8573394 m/sec).

b) Width: 206.0658189 inches = 523.40718

206.0658189 x 0.443113275 = 91.3105 (one season has 91.3105 days).

523.40718 x 0.443113274 = 231.9286697 (original architectural base-side socket--length of the Great Pyramid: 231.9286697 m).

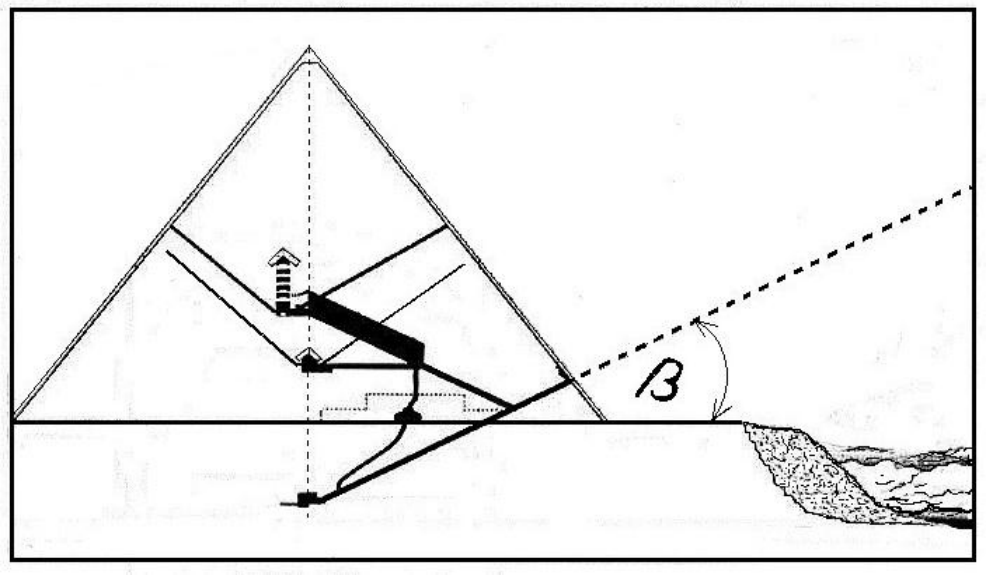


Figure 4, ß = 26.30268975°

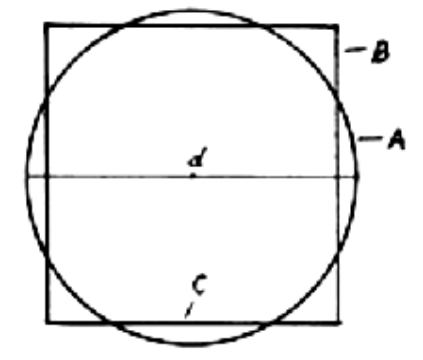


Figure 5

Diameter (d) = 1

Circumference of the Circle A = 3.14159 (Pi)

√3.14159 = 1.772453102

1.772453102 x 2 = 3.544906204 = Circumference of the Square B

3.544906204 : 4 = 0.886226551 = c

0.886226551 : 2 = 0.443113275 = sin **ß**

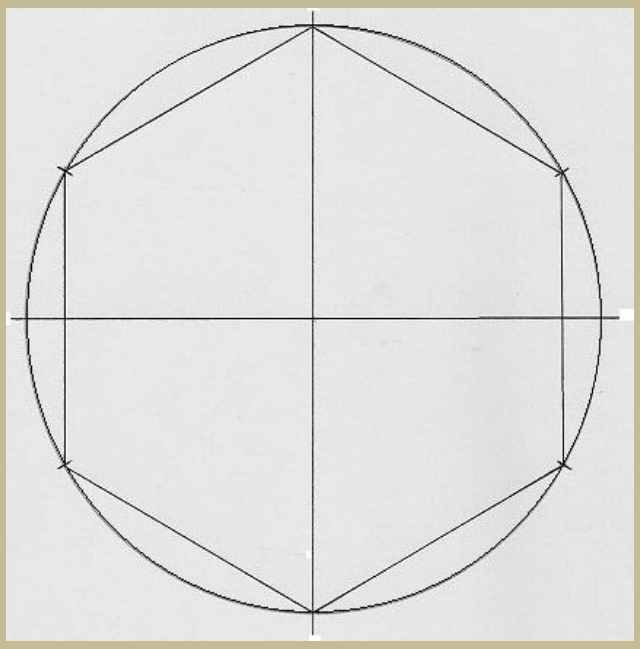


Figure 6

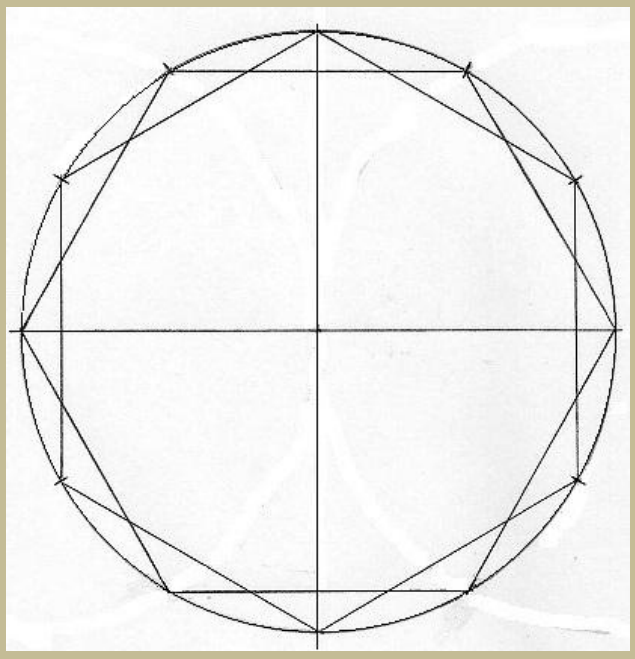


Figure 7

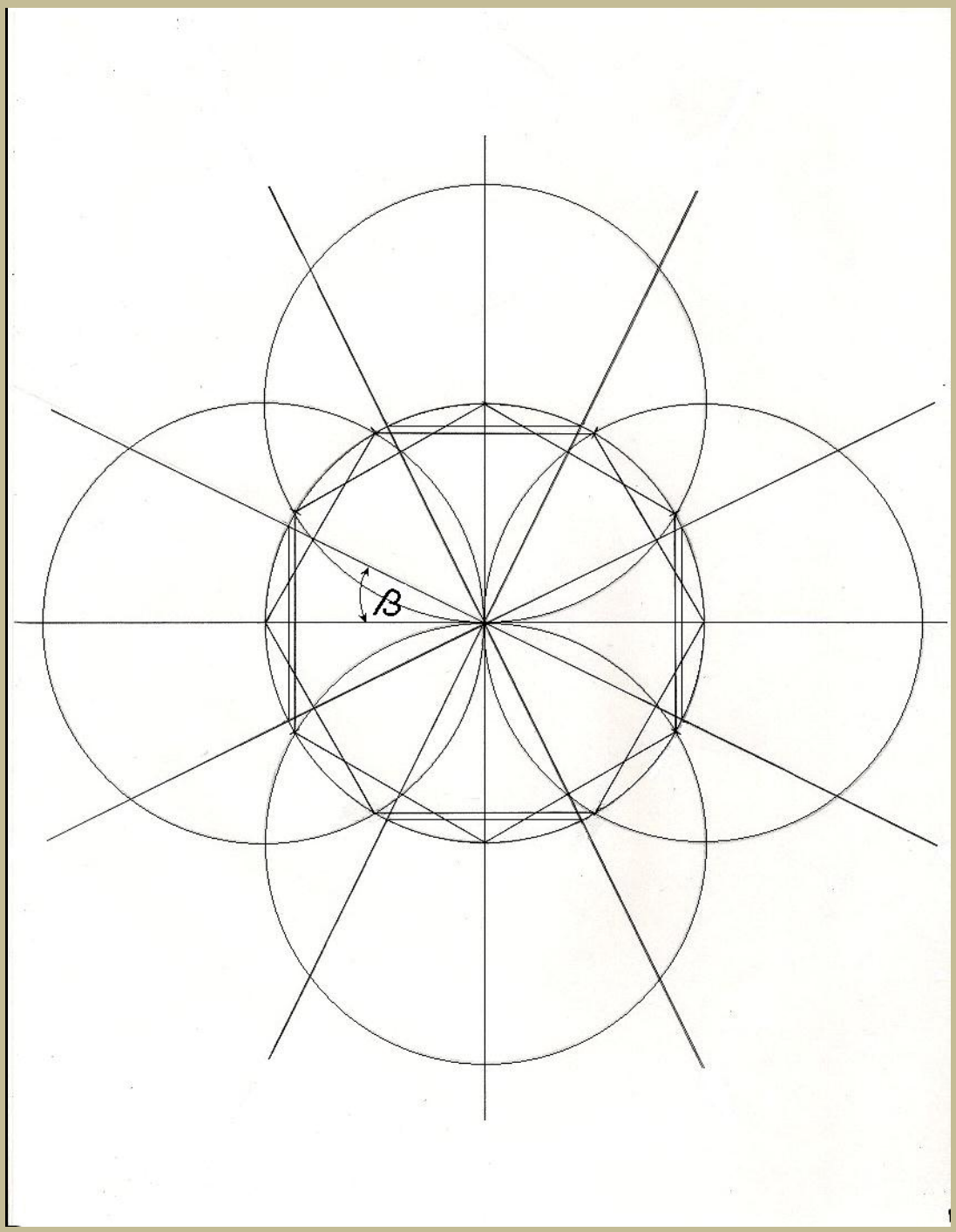


Figure 8

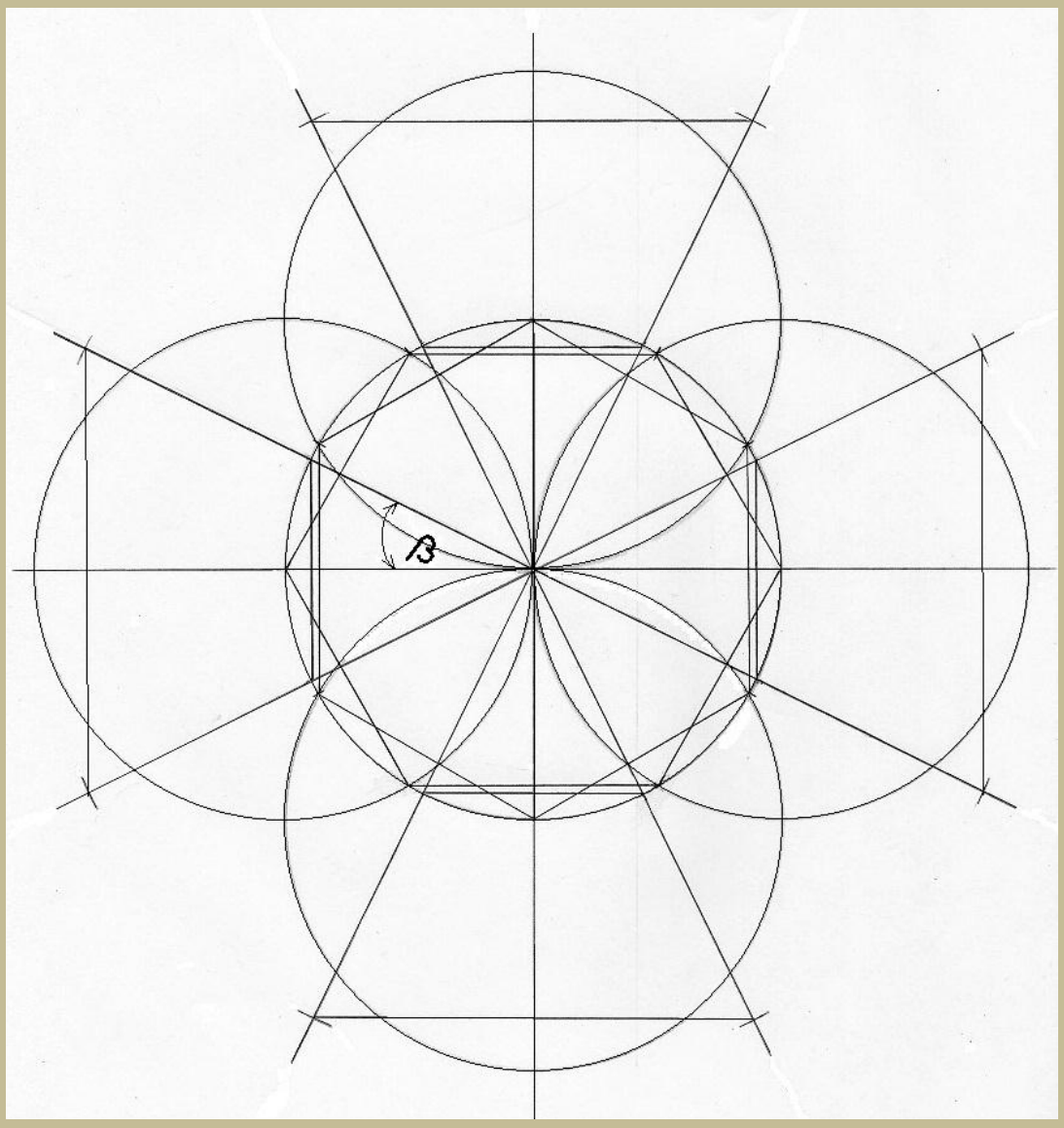


Figure 9

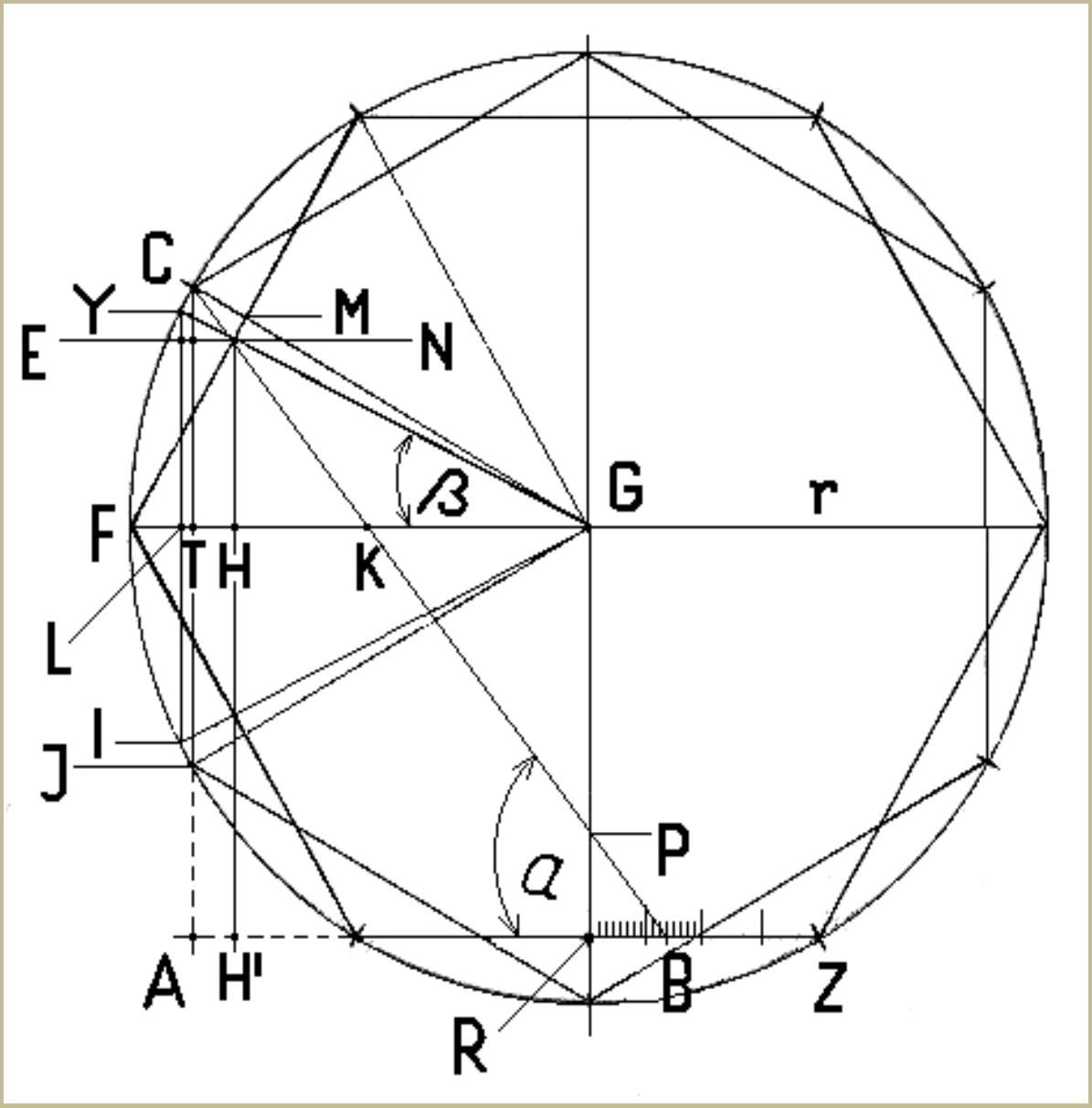


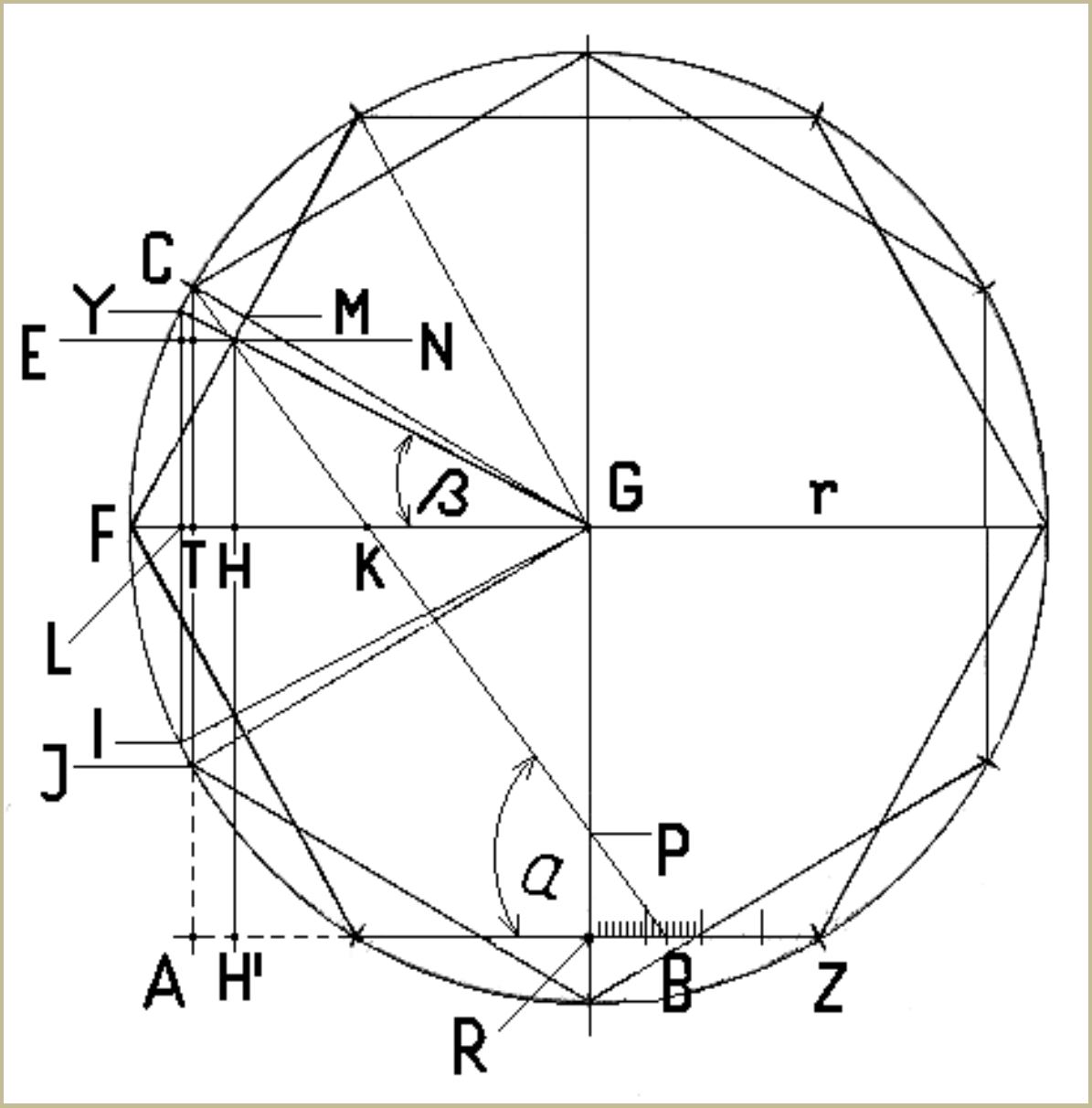
Figure 10

r = 50

α = 52.772581°

tan α = 1.316143008

sin α = 0.796240494



RZ = 25 = ½ **r**

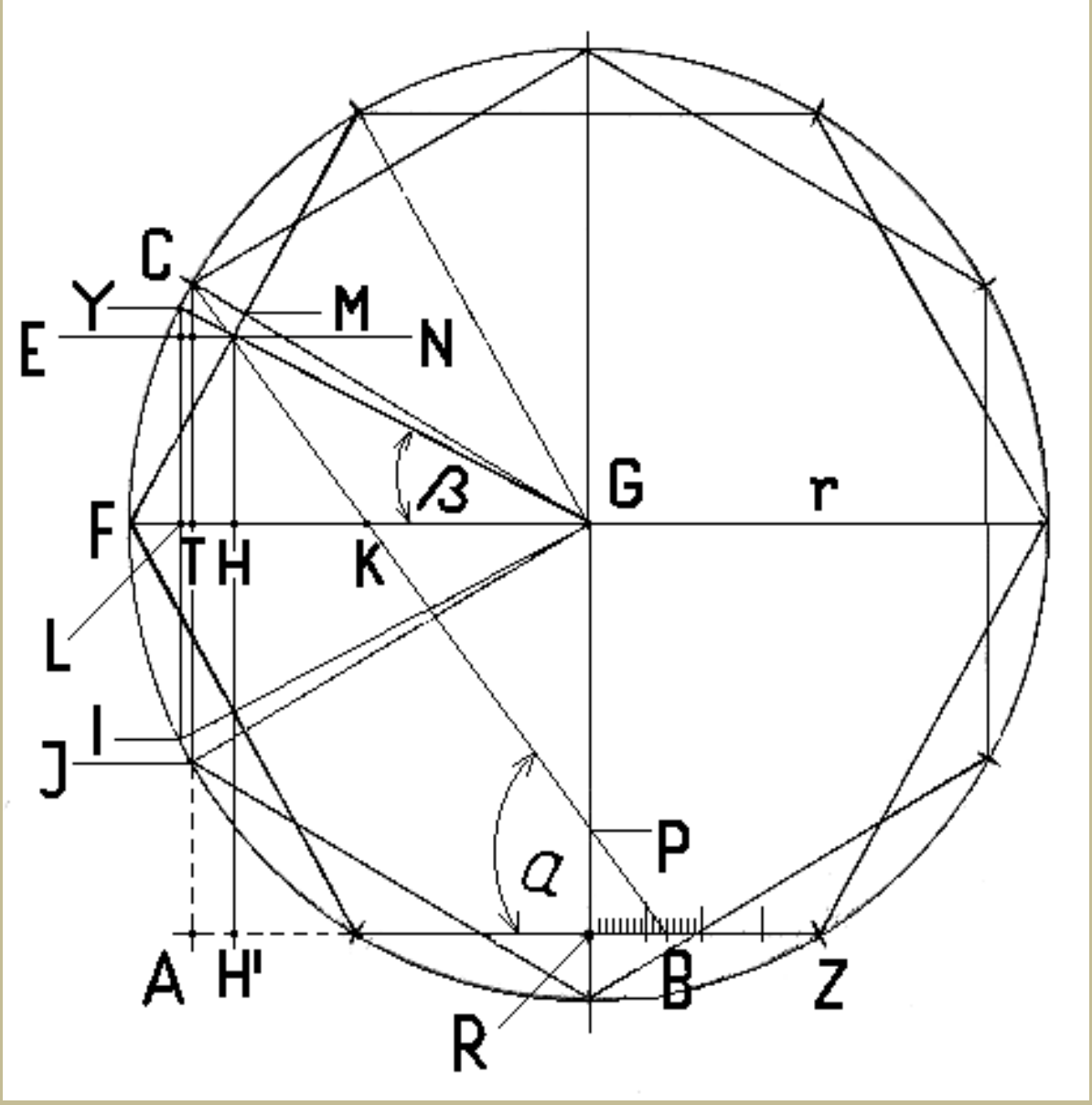
25 : 32 = 0.78125

RB = 11 x 0.78125 = 8.59375

FGM = 30°

tan 30° = 0.577350269

MG = **FM : tan 30°** = 25 : 0.577350269 = 43.3012702 = **AR**



AR = 43.3012702

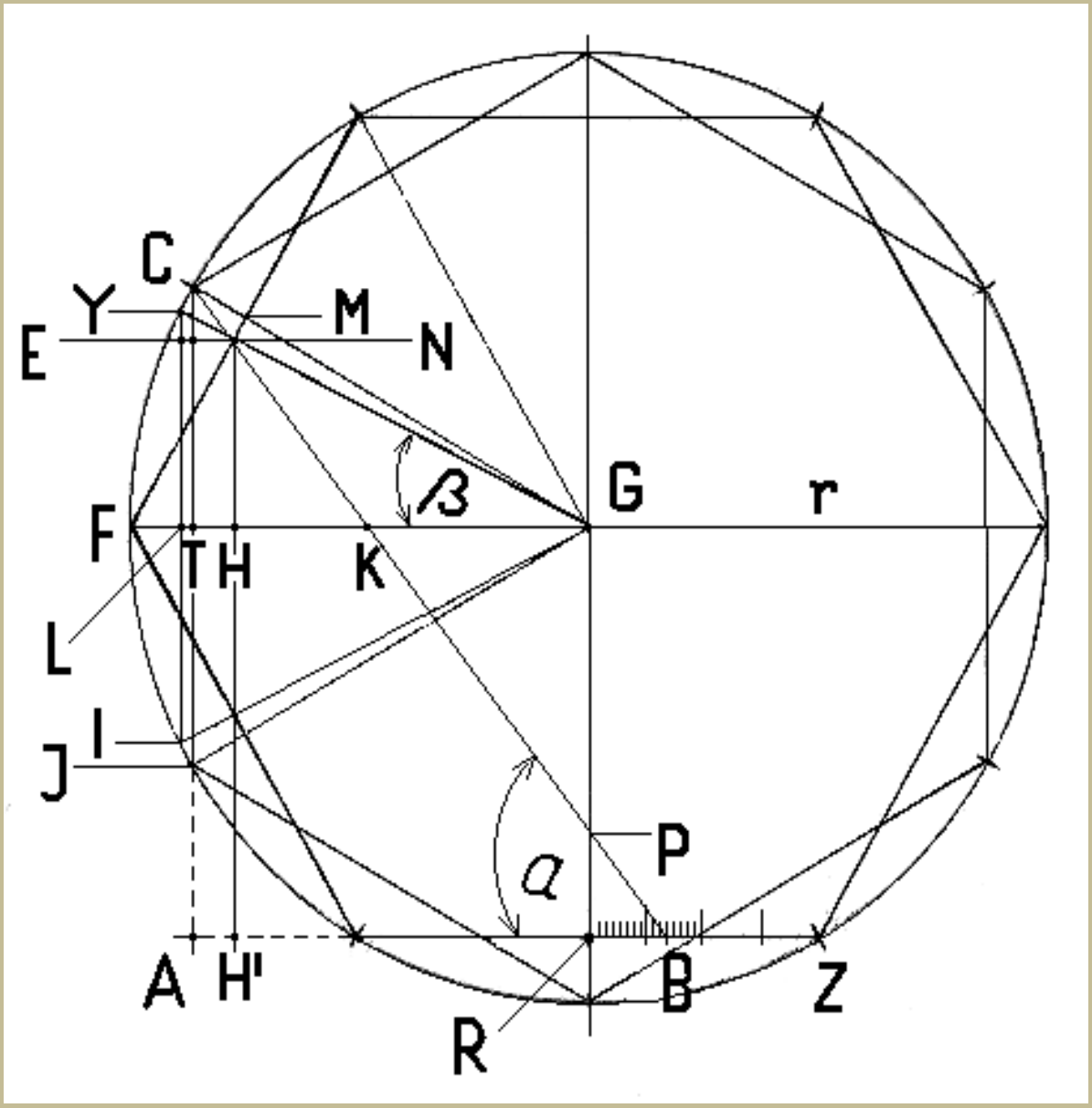
AB = **AR** + **RB** = 43.3012702 + 8.59375 = **51.8950202**

RB x tan α = 8.59375 x 1.316143008 = **11.31060398** = **RP**

43.3012702 – 11.31060398 = **31.99066623** = **PG**

PG : tan α = 31.99066623 : 1.316143008 = **24.30637555** = **GK**

AB x tan α = 51.8950202 x 1.316143008 = **68.30126799** = **AC**



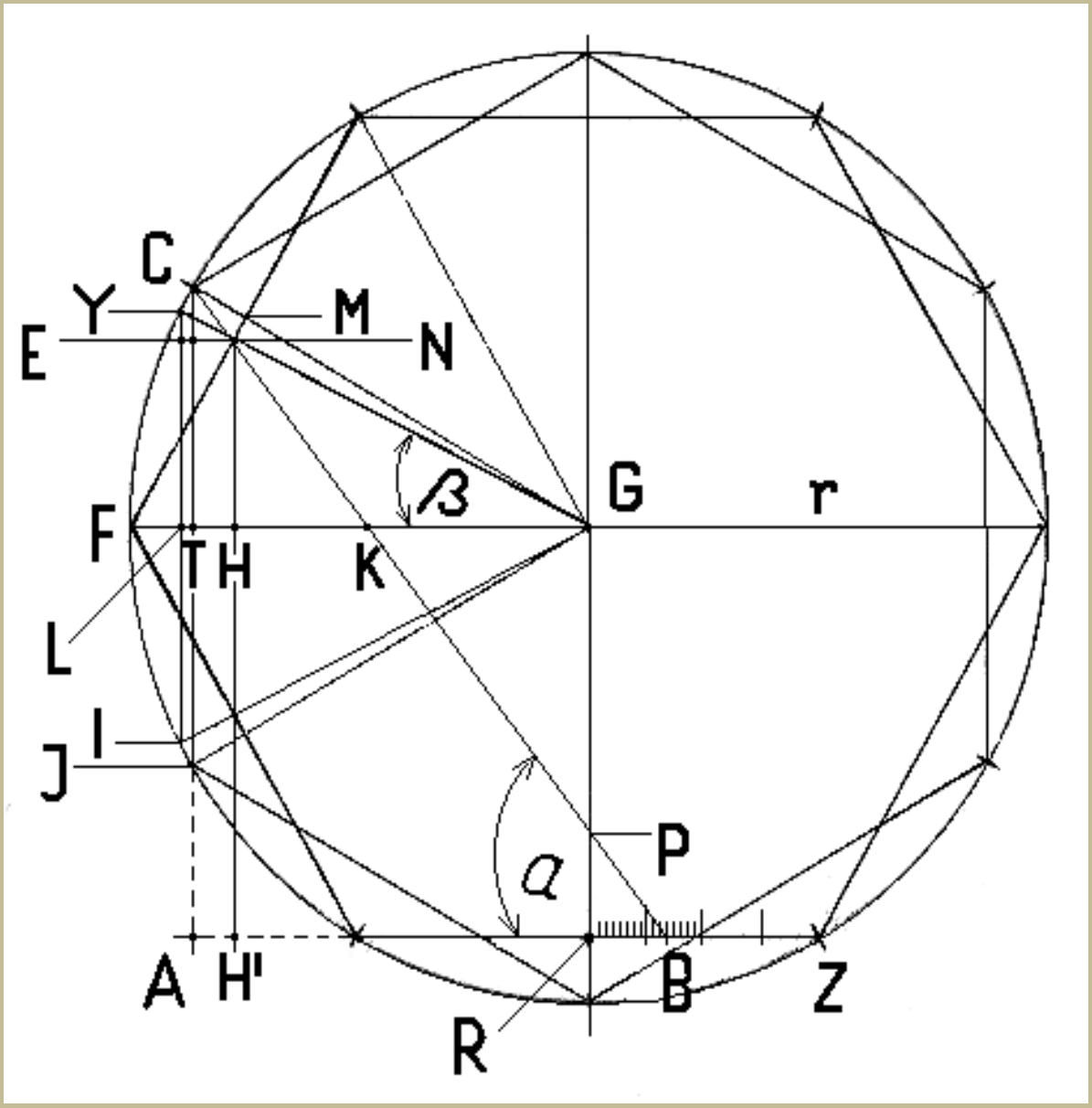
68.30126799 : sin α = 68.30126799 : 0.796240494 = **85.77969659** = **BC**

GY = 50 = **Radius (r)**

FGC = 30°

30° - 26.30268975° = **3.69731025° = GMN**

tan 3.69731025° = **0.064619958**



MG = 43.3012702

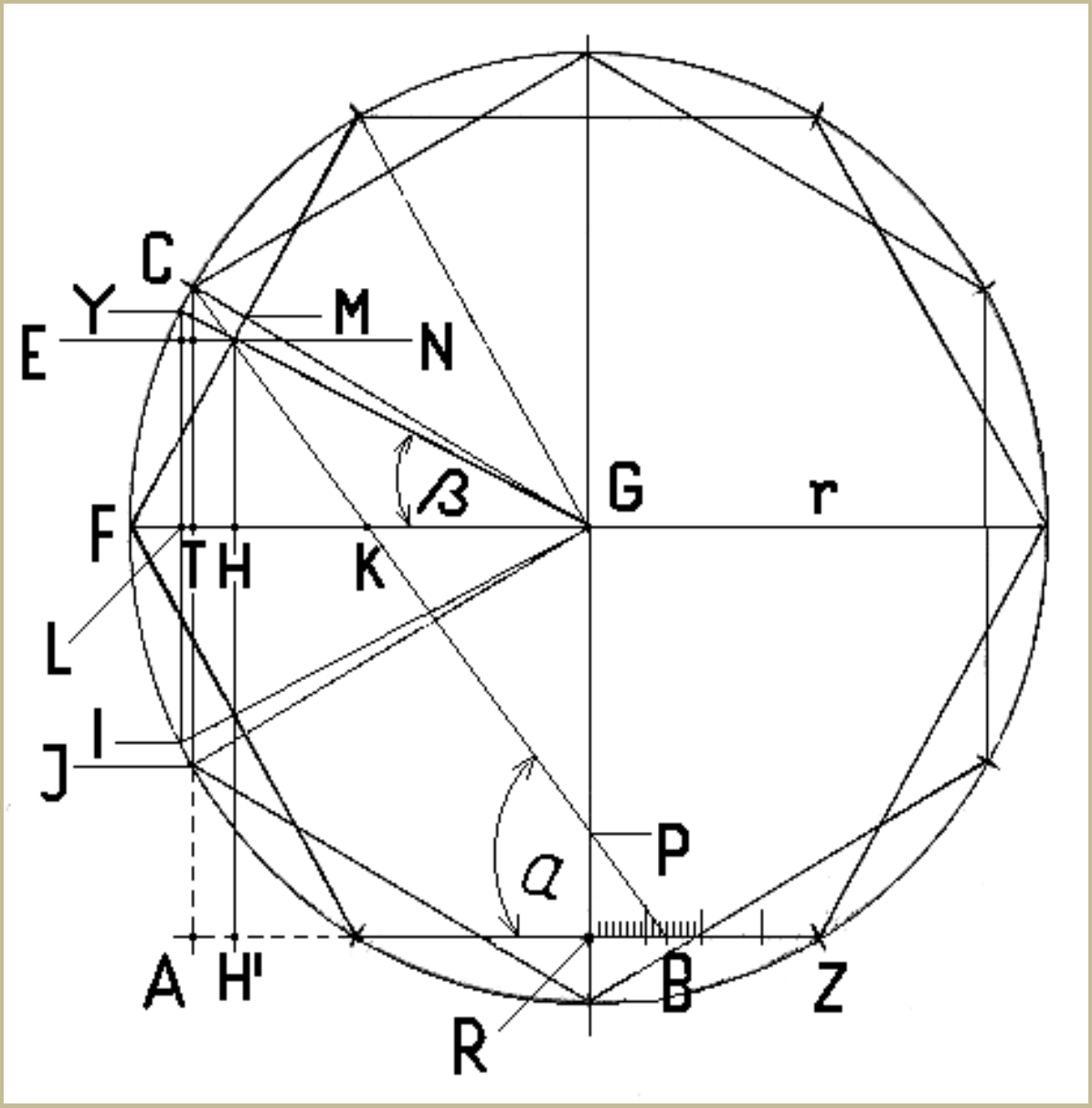
43.3012702 x 0.064619958 = **2.798126262** = **MN**

FM = 25 = **½ r**

25 – 2.798126262 = **22.20187374** = **FN**

FGM = **60°**

sin 60° = 0.866025403



22.20187374 x sin 60° = **19.22738665** = **HN (HE)**

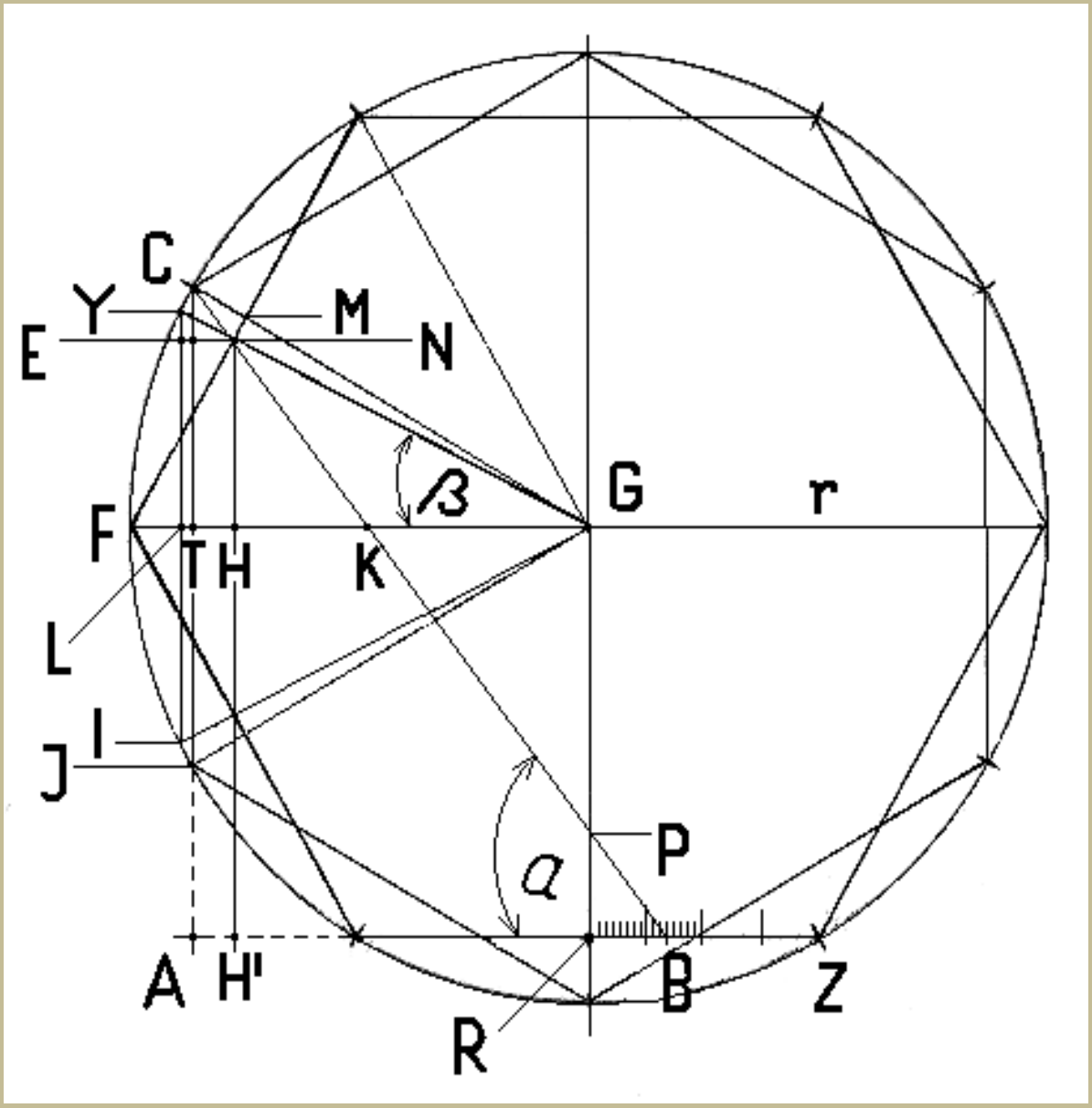
CE = 25 – 19.22738665 = **5.77261335**

α = 52.772581°

tan α = 1.316143008

5.77261335 : tan α = **4.386007686** = **EN** = **TH** = **AH'**

CN = 5.77261335 : sin α = 5.77261335 : 0.796240494 = **7.249836442**



FGM = 60°

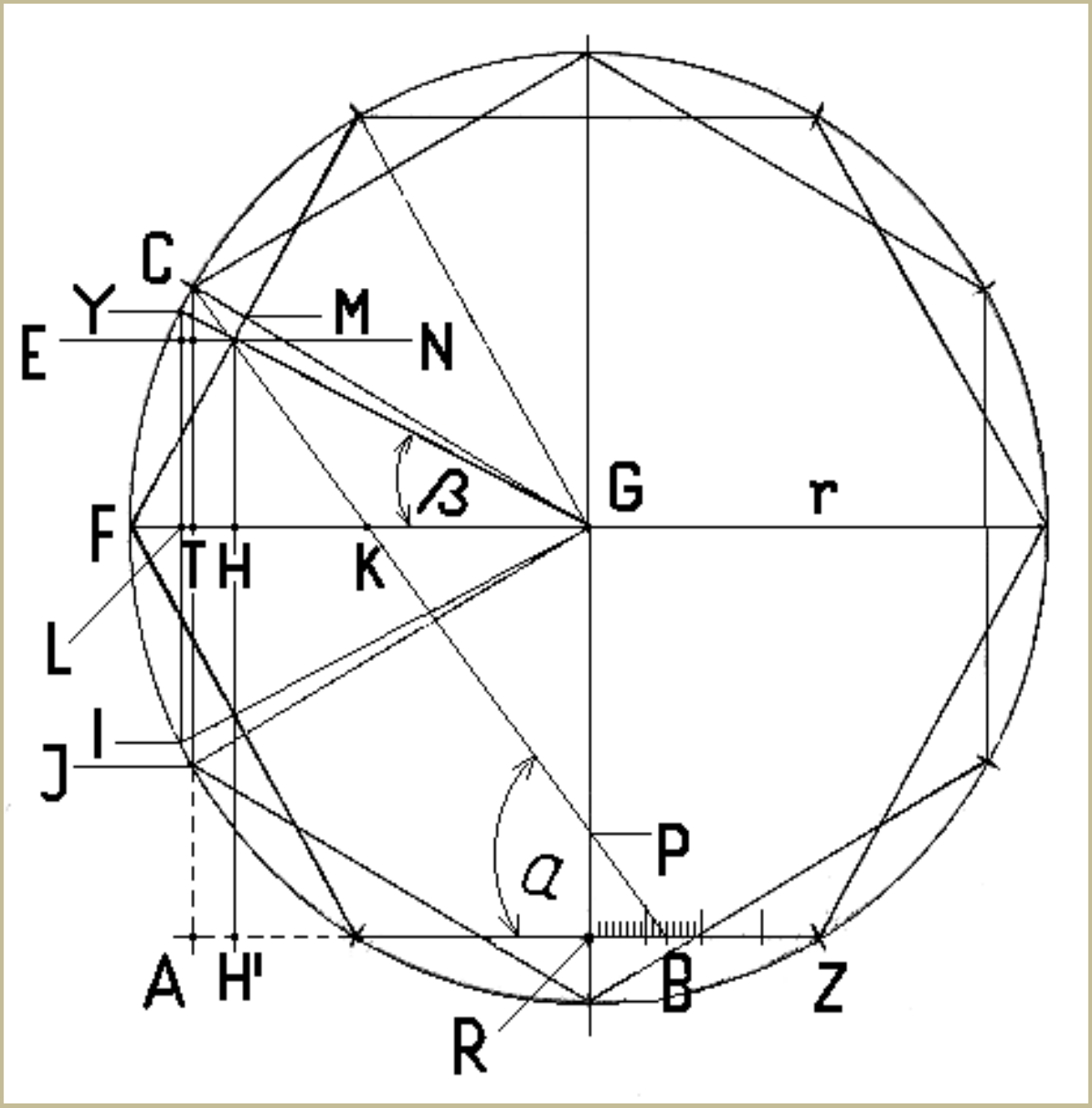
tan 60° = 1.732050808

HN (HE) = 19.22738665

19.22738665 : tan 60° = **11.10093686** = **FH**

tan α = 1.316143008

19.22738665 : tan α **= 14.0888865 = HK**



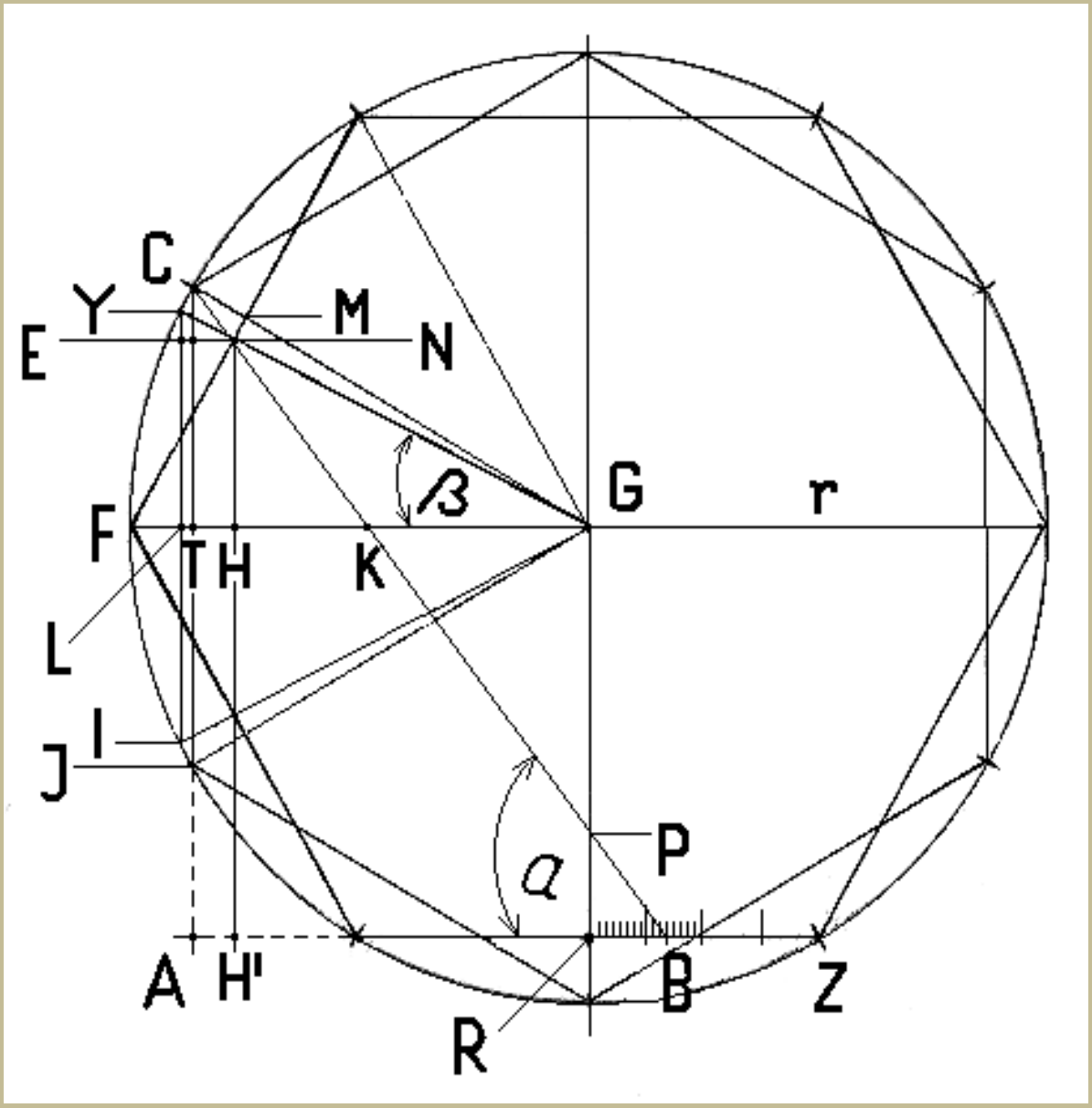
Y = 22.15566375

E = 19.22738665

22.15566375 - 19.22738665 = **2.9282771** = **YE**

2.9282771 : tan ß = **5.924218299** = **EN** = **LH**

2.9282771 : sin ß = **6.60841655** = **YN**



YG = 50

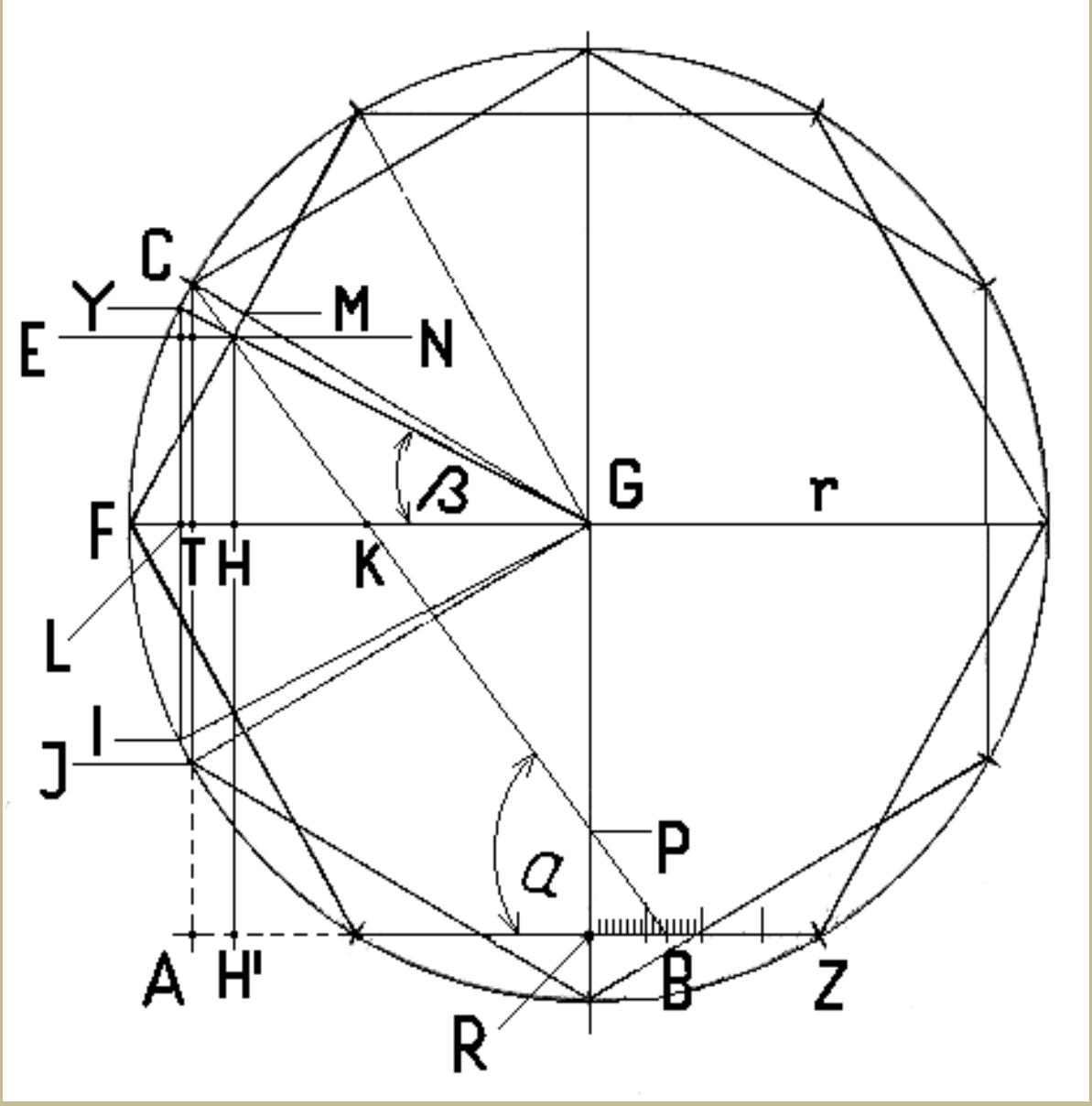
YN = 6.60841655

50 - 6.60841655 = **43.39158345 = NG**

43.39158345 x sin ß = **19.22738665** = **NH**

FT = 50 – 43.3012702 = **6.6987298**

YF = 22.15566375



22.15566375 : tan ß = 44.82328145 = **LG**

TG = 43.3012702

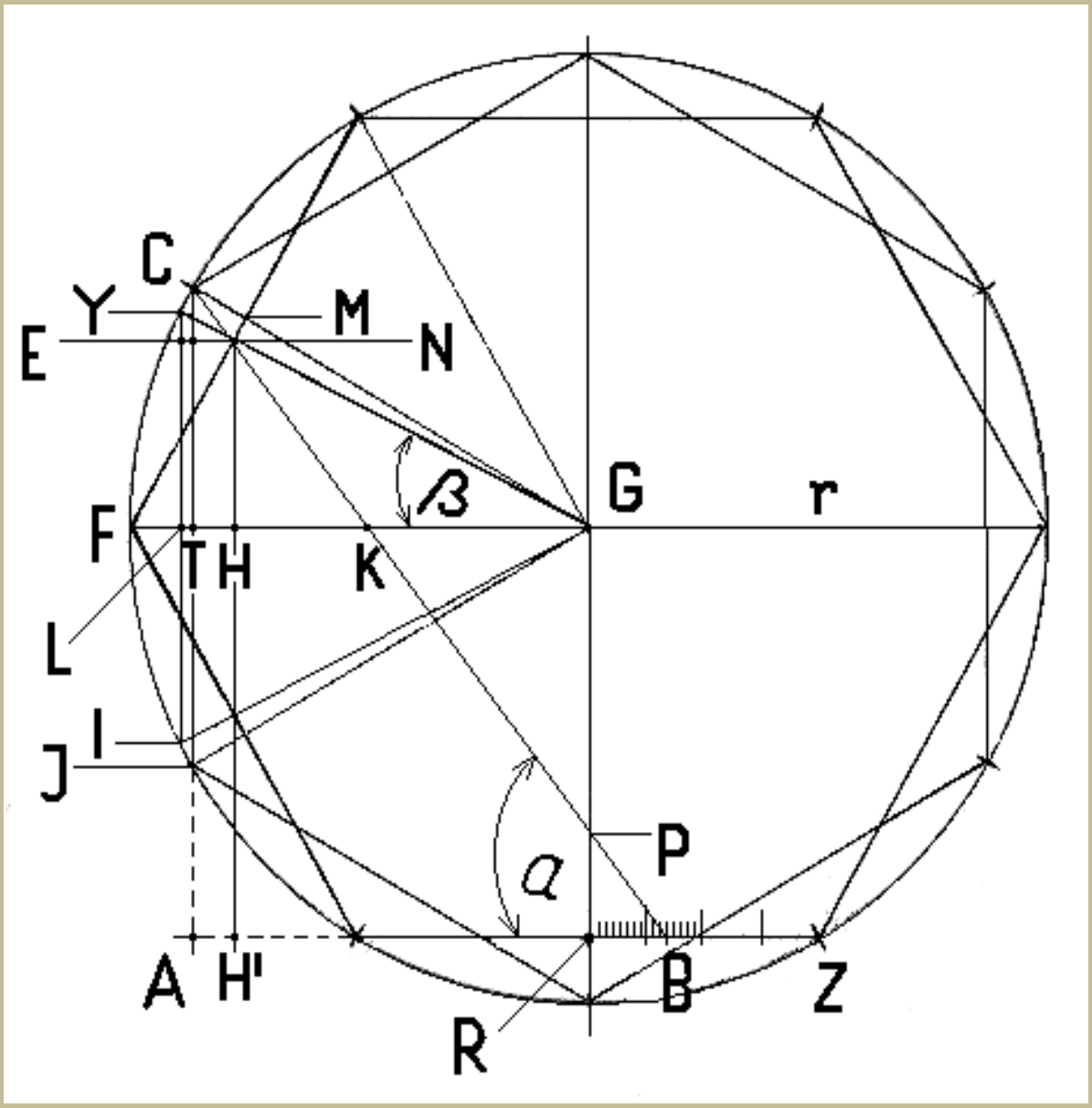
44.82328145 - 43.3012702 = **1.52201125** = **LT**

r = 50

50 - 43.3012702 = **6.6987298** = **FT**

6.6987298 - 1.52201125 = **5.15671855** = **FL**

FT + **TH** + **HK** + **KG** = 6.6987298 + 4.386007685 + 14.60888865 + 24.30637555 = **50** = **FG** = **r**

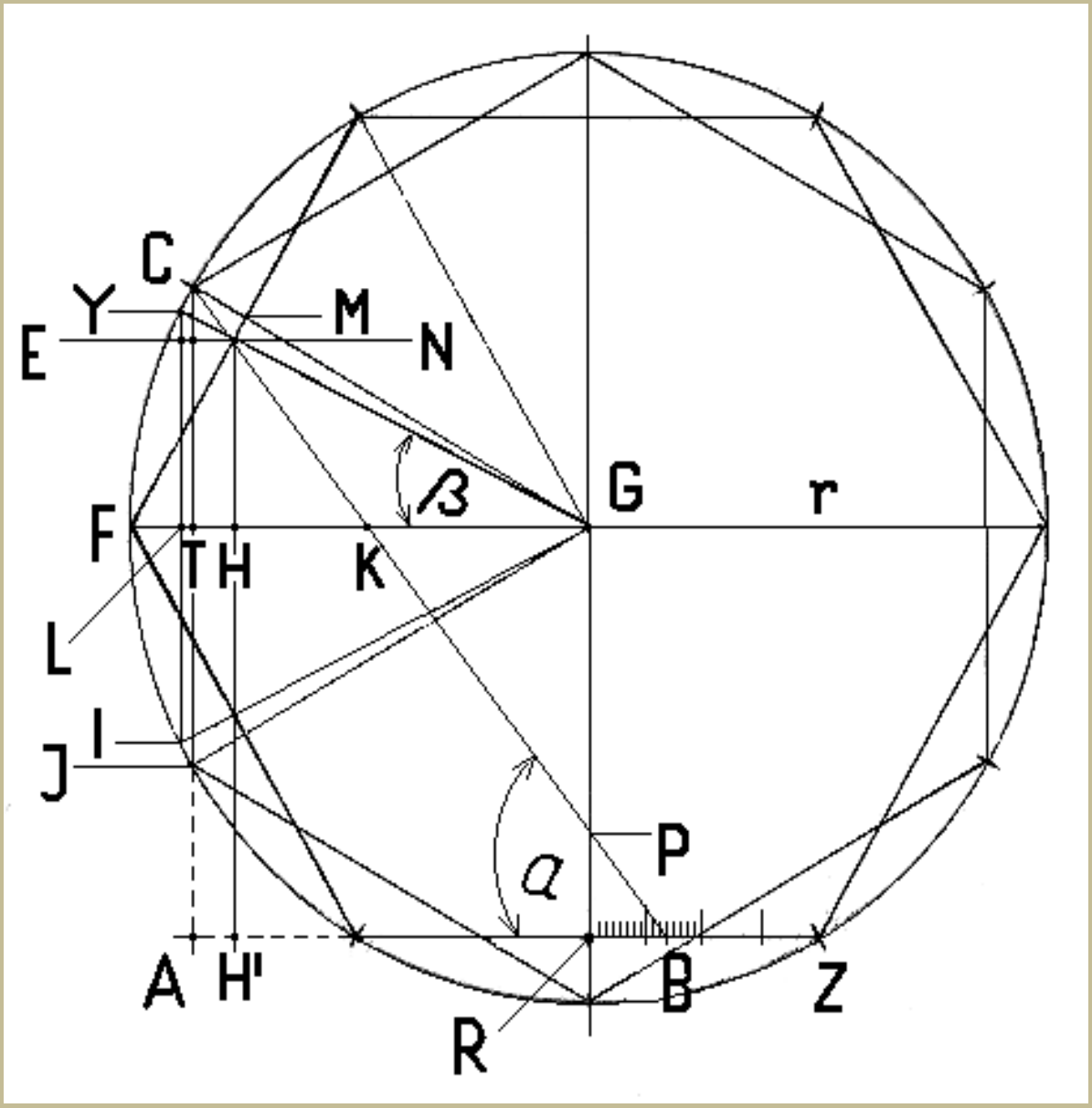


NH' = 62.52865685

62.52865685 : tan α = 47.5090142 = **H'B**

AH' = 4.386007685 = **TH**

47.5090142 + 4.386007685 = 51.89502188 = **AR**



NH' = **62.52865685**

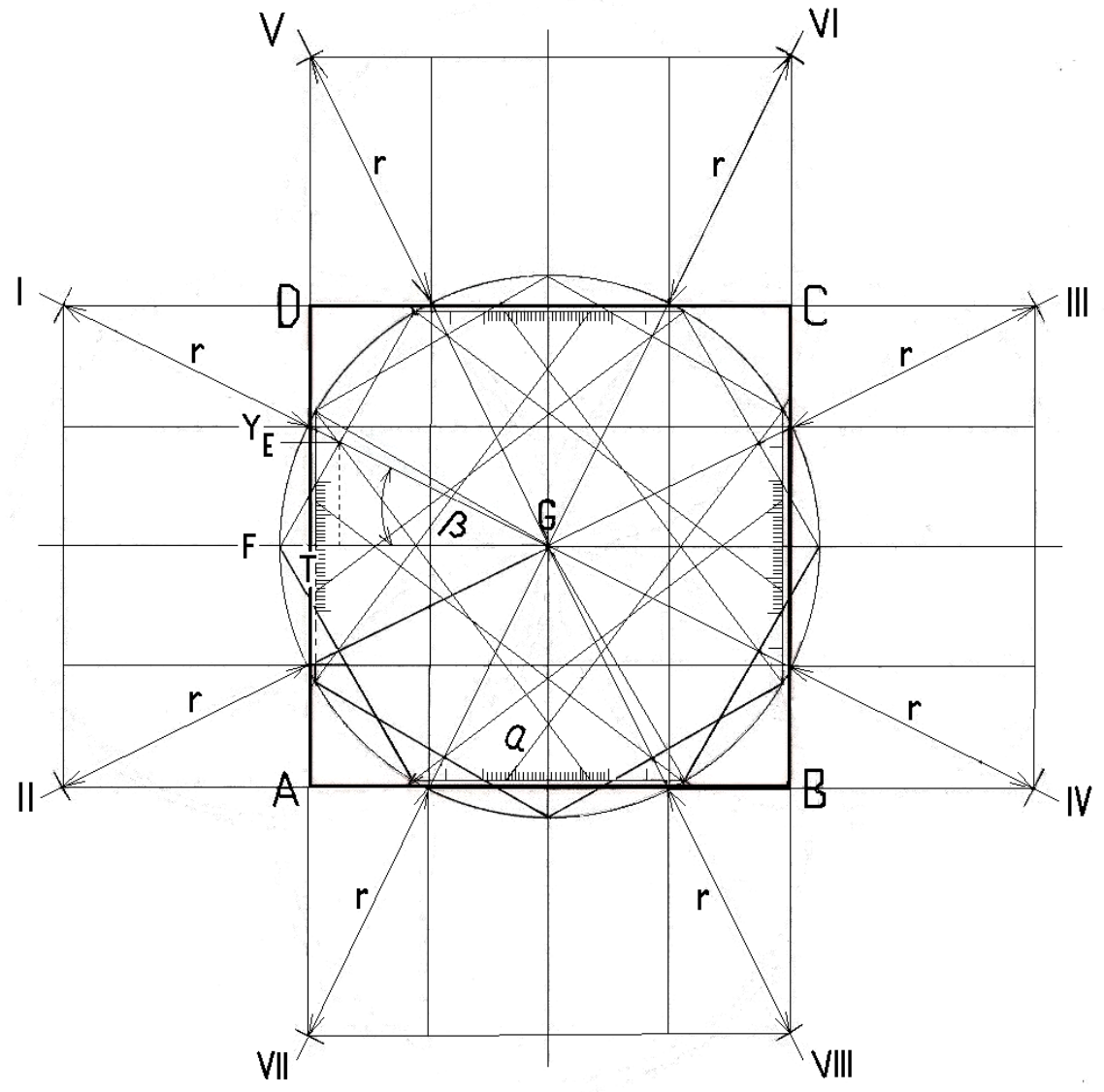
NK = 24.14771265

KP = 40.17714054

PB = 14.20500975

62.52865685 : sin α = 78.52986293 = NK + KP + PB (+ CN = 85.77969937 = BC)

r x sin ß = 50 x 0.443113275 = 22.15566375 = YL (2 x 22.15566375 = 44.3113275 = YI)



4 x 22.15566375 = 88.622655 = I-II, III-IV, IV-V, V-VI, VII-VIII = A-B = B-C = C-D = D-A

Area of the Square = 7853.974979 square units = Circle area with the Diameter of 10 units. Squaring the circle is resolved.

GLORY TO VISHNJI GOD!

December 30. 2012, Kitchener, Ontario, Canada

ABOUT THE AUTHOR

Petko Nikolic Vidusa, modern Canadian mystic and pyramidologist, born in 1951 in Bosnian mountain village Vidusa (44° 39’ N, 18° 2’ E) about 50 km northwest of Sarajevo.

He has been a teacher. Now lives in Kitchener, Ontario, Canada.

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